

CLAIMS

What is Claimed is:

- 1 A multi-configuration network connection point device comprising:
 - a first connection interface including a primary connection port for communicatively coupling to an upstream network device, said interface coupled to said body;
 - a second connection interface including a secondary connection port for communicatively coupling to a downstream network device via a wireless technology, wherein said second connection interface is adapted to be secured in a fixed location while conveniently providing said communicatively coupling to a downstream network device via a wireless technology; and
 - a communication bus for communicatively coupling said first connection interface to said second connection interface.
- 2 A multi-configuration network connection point device of Claim 1 wherein said first connection interface comprises a single primary interface connection port.

3 A multi-configuration network connection point device of Claim 1 wherein said secondary connection interface comprises a plurality of interface connection ports.

4 A multi-configuration network connection point device of Claim 1 wherein said first connection interface couples to a singular communication path to an upstream device.

5 A multi-configuration network connection point device of Claim 1 wherein said secondary connection interface is configured for convenient placement in fixed locations in a manner that facilitates maintenance of system integrity and security.

6 A multi-configuration network connection point device of Claim 1

7 A multi-configuration network connection point device comprising:

 a first connection interface including a primary connection port for communicatively coupling to an upstream network device;

 a second connection interface including a secondary connection port for communicatively coupling to a downstream network device via a wireless technology, wherein said second connection interface is adapted to be secured in a fixed location while conveniently providing said

communicatively coupling to a downstream network device via a wireless technology;

a means for intelligently concentrating data from a plurality of interface connection ports included in said second connection interface for communication on said primary connection port of said first connection interface; and

a communication bus for communicatively coupling said first connection interface to said second connection interface.

8 A multi-configuration network connection point device of Claim 7 wherein said first connection interface comprises a single primary interface connection port.

9 A multi-configuration network connection point device of Claim 7 wherein said secondary connection interface comprises a plurality of interface connection ports.

10 A multi-configuration network connection point device of Claim 7 wherein said first connection interface couples to a singular communication path to an upstream device.

11 A multi-configuration network connection point device of Claim 7 wherein said secondary connection interface is configured for convenient

placement in fixed locations in a manner that facilitates maintenance of system integrity and security.

12 A multi-configuration network connection point device of Claim 7 further comprising a means for processing and interpreting data coupled to a first interface.

13 A multi-configuration network connection point device of Claim 12 further comprising a fault detection means coupled to the means for processing and interpreting data.

14 A multi-configuration network connection point device of Claim 7 further comprising:

a processing unit for processing information; and
a memory for storing said information.

15 A multi-configuration network connection point method comprising:
providing a single connection point on a primary communication interface;

providing a plurality of connection points on a secondary communication interface; and

coupling the single connection point on a primary communication interface to the plurality of connection points on a secondary communication interface.

16 The multi-configuration network connection point method of Claim 15 wherein the single connection point couples to a single communication path (e.g., to upstream network devices).

17 The multi-configuration network connection point method of Claim 15 wherein the single connection point is configured for fixed placement in a concealed environment.

18 The multi-configuration network connection point method of Claim 15 wherein the secondary communication interface is adapted to be secured in a fixed location while conveniently providing said communicatively coupling to a downstream network device via a wireless technology.

19 The multi-configuration network connection point method of Claim 15 further comprising intelligently concentrating data from a plurality of interface connection ports included of said second connection interface for communication on said primary connection port of a first connection interface.